

Kalyani Angarwar

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OBJECTIVE:- To join an organization which will help in the development, knowledge, experience and skills of Statistical application in the field of “Clinical Research” and which will also inculcate problem solving abilities.

SUBJECT KNOWLEDGE:- completed the training of “Advance Post Graduate in Pharmaceutical Statistics” from PHARMA-STATS, a Corporate Training Center& Consultancy services for BA/BE Studies- on application of various statistical tests in clinical research; basic concepts of bioequivalence, Clinical Trials, DOE & SAS programming.

BIO-STATISTICAL SKILLS:-

- Sample size calculation using SAS
- Randomization schedule using SAS programming
- Statistical Analysis Plan (SAP) for clinical trials
- Various parametric & non-parametric bio-statistical tests: t-test, ANOVA, ANCOVA, Chi-square, F-test, Sign test
- Conclusion & interpretation of statistical results
- Knowledge of various statistical methods useful in BE & Clinical trials
- Projects: 1) Calculation of Pharmacokinetic parameters & Bioequivalence analysis (2x2 crossover design) & 2) Phase-III clinical trial statistical analysis
- Basic knowledge of SOP & Guideline terminology
- Applications of Statistics in Designs of Experiments (DOE) according to ICH Q8 Guidelines.
- Insights of QBD aspects using Minitab Statistical Software.

Knowledge of basic SAS programming:

- Data management: Concatenating, Merging, Handling missing values, Reading raw data files, creating data structures, Handling data and programming errors, Accessing data, Appending data and managing data.
- Expertise in SAS/BASE with basic knowledge of PROC SQL and MACRO.
- Import-Export data using various techniques like PROC IMPORT, PROC EXPORT, LIBNAME, INFILE, PROC PRINT statements.
- SAS/ODS process to create useful outputs in different formats.
- Statistical analysis: PROC GLM, PROC MIXED, PROC MEANS, PROC FREQ, PROC UNIVARIATE, PROC REG, PROC t test, PROC npar1way for various Statistical analyses.
- Clinical trial Report: PROC REPORT, Tables, Listings and Figures (TLF).
- Basic Knowledge of CDISC Standard- SDTM &ADaM and Regulatory Requirements.

Other Software skills:-

MINITAB, Microsoft office, R software, SAS.

EDUCATION:-

QUALIFICATION	YEAR OF PASSING	PERCENTAGE (%)	UNIVERSITY
B.Sc.	2013	51%	R.T.M.N.U.
M.Sc. (Biostatistics)	2015	68%	R.T.M.N.U.

CERTIFICATION:

Course Name	Duration	Training Area	Institute
Advance Post Graduate in Pharmaceutical Statistics	3-Months (Oct 2017-Jan 2018)	Biostatistics, Bioequivalence, Clinical Trials, MINITAB, SAS programming	PHARMA-STATS (www.pharma-stats.in)

M.Sc. PROJECT WORK:-

- Title: **Geometric interpretation of Minimax and Bayes Decision rules.**
- Duration: February 2015 to May 2015
- Software: Microsoft Office
- Statistics: Decision Theory

Topic of study:- Non-randomized decision rule, Optimum decision rule, Procedure to obtain the bayes decision rule, Admissibility and completeness, Geometric interpretation for finite Ω in Bayes rules and Minimax rules.

WORK EXPERIENCE /ACHIEVEMENTS/ OTHER ACTIVITIES :-

- Ten months experience as a visiting lecturer in campus, RashtaSant Tukodoji Maharaj Nagpur University.
- Three months experience as a visiting lecturer in Dhrampeth M.P. Deo Memorial Science College Nagpur.
- Secured 1st position in inter – collegiate seminar competition in mathematics conducted by NUMTA.
- Participated in game kabaddi girls organized by 53rd National School Games 2007 UNDER THE AUSPICES OF SCHOOL GAMES FEDERATION OF INDIA.
- Participated in state level workshop on “Designs of experiment and inferential statistics”.
- Participated in state level workshop on “Six Sigma and Robust Technique”.
- Participated in state level workshop on “Statistica”.

PERSONAL DETAILS:-

Father's Name :- Arvind Angarwar
Mother's Name :- Rajni A. Angarwar
Address :-Makan No. B – 145, ward no. 23, Security Paper Mill (S.P.M) colony, Hoshangabad (Madhya Pradesh).
Nationality :-Indian
Date of Birth :-14 October 1992
Languages Known :-English, Hindi and Marathi
Hobbies :-Dancing, Listening music

The details given above are corrected to best of my knowledge.