

Rahul I. Patil

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OBJECTIVE: To obtain a position where in I can utilize my skills and abilities as well as share and enhance my knowledge. I would like to work in a creative and competitive environment on challenging assignments of the organization.

SUBJECT KNOWLEDGE:- Undergoing 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:-

- SAS , R, SPSS, MINITAB, Matlab, Microsoft office, Tora , LP-Solver.

Technical Electives:-

- Drug Discovery, Computational Biology
- Clinical Trial Phases (Phase I – Phase IV).
- Knowledge of New Drug Development Process.
- Knowledge of Investigational New Drug Development.

EDUCATION:			
QUALIFICATION	YEAR OF PASSING	PERCENTAGE (%)	UNIVERSITY
M.Sc. (STATISTICS)	2016	50%	THE NORTH MAHARASHTRA UNIVERSITY OF JALGAON.
B.Sc. (STATISTICS)	2014	53.25%	K.T.H.M. COLLEGE, NASIK.

CERTIFICATION:			
Course Name	Duration	Training Area	Institute
Advance Post Graduate in Pharmaceutical Statistics	3-Months (Jun2017-Aug2017)	Biostatistics,Bioequivalence, Clinical Trials, MINITAB,SAS programming	PHARMA-STATS (www.pharma-stats.in)

INTERNSHIPS:		
Position	Organization	Duration
Online Tutor	Techknit IT – Enabled Services Pvt. Ltd.	Jul2016 – Sep2016

PROJECT WORK:-

Title : Analysis of count data to Poisson Regression and it's alternatives.

- **Descriptions :** A detailed study of Poisson –Regression which enabled us to compare Ordinary least square method , Over dispersed Poisson and negative binomial distribution with Poisson distribution.
- **Findings :** Poisson Regression allows selection of correct error structure , which properly accommodated heteroscedasticity.
- **Technology Used :** SAS Software.
- **Project 2 : Study of various factors affecting pre-natal and post-natal infant mortality.**
- **Description :** we had studied various factors like mother's diet, vaccinations, mother's weight etc. and their effects on pre-natal and post –natal mortality of infants.
- **Findings :** We have concluded with identifying the factors that has severe impact on mortality of infants through this study.
- **Future work :** We have submitted a copy of this project to PUSA (Pune University Statistical Association) to bring forward the findings of this study to women and Child Health Department of government of Maharashtra.

OTHER ACTIVITIES/ACHIEVEMENTS :-

- Participate and awarded third prize in annual project competition at “ **National Conference on Industrial Statistics and computational mathematics**” organised by North Maharashtra University Jalgaon.
- Awarded consolation prize for Group discussion competition on “ **Make In India : Science and Technology Driven Innovations** “ organised by Department of Statistics , NMU, Jalgaon.
- Participated in “**National Service Scheme (NSS)**” for two years in K.T.H.M. College , Nasik and also attended a “Winter Camp “ in Nasik District.

• **PERSONAL DETAILS:-**

Father's Name : Ishwar P. Patil

Address : A- 2 , Dhanlaxmi Row – Houses , Salunke Nagar, Kamatwade Shiwar , Nasik – 422010.

Languages : English, Hindi, Marathi.

Hobbies : Playing Cricket , Listening silent music, Travelling and trekking.

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