

## Sneha Kullarkar

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**OBJECTIVE:-**I am Seeking a challenging position as Biostatistician within a creative firm that will allow me to utilize my skills,academic knowledge in clinical research area.

**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 ttest, PROC npar1 way 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-programming, minitab.

### **EDUCATION:-**

QUALIFICATION	YEAR OF PASSING	PERCENTAGE (%)	UNIVERSITY
B.Sc.	2012	61.11	RTMNU Nagpur University
M.Sc. (Statistics)	2014	71.76	RTMNU Nagpur University

### **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 ( <a href="http://www.pharma-stats.in">www.pharma-stats.in</a> )

## **M.Sc. PROJECT WORK:-**

Title :- “Estimation of Total Number of Words in a Oxford Dictionary using Stratified Sampling”  
Duration :- January 2014 to March 2014  
Software :- Microsoft office, R-programming.

## **WORK EXPERIENCE /OTHER ACTIVITIES /ACHIEVEMENTS :-**

- Two years experience of visiting lecturership in Post Graduate Teaching Department of Statistics, RTMNU University Campus, Nagpur.
- Completed UGC sponsored “Career Oriented Certificate Course in Statistical Package R” organized by Department of Statistics, Institute of Science, Nagpur.
- Attended 7 days workshop on “Statistical analysis using R-programming” guided by Mrs. Sudha Purohit, Pune university in Institute of Science in 2013.
- Attended state level workshop on “Soft skills and job opportunities in statistical Package R” organized by Department of Statistics.
- Attended UGC sponsored National level 3 days workshop on “Acturial statistics using R” in Hislop College, Nagpur.
- Participated in “National level conference of Statistics and Mathematics ” held in Institute of Science, Nagpur.
- Attended State level workshop on Statistics using R-software on 1<sup>st</sup> and 2<sup>nd</sup> March 2017.

## **PERSONAL DETAILS:-**

Father’s Name :- Dayachand Kullarkar  
Mother’s Name :- Manda Kullarkar  
Address :- T-121, Vasant Vihar Colony, Khadgaon Road, Wadi, Nagpur-440023.  
Nationality :- Indian  
Date of Birth :- 11 September 1992  
Languages Known :- English, Hindi and Marathi.  
Hobbies :- Solving puzzles, playing indoor, outdoor games.

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