

# TUSHAR SHINDE

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**OBJECTIVE:-** To work in a challenging and creative environment where I can learn and successfully deliver solution to the problem.

**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
- 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-software, SPSS, MINITAB, Microsoft office.

## **EDUCATION:-**

QUALIFICATION	YEAR OF PASSING	PERCENTAGE (%)	UNIVERSITY
B.Sc. (Statistics)	2015	76 %	Shivaji University, Kolhapur
M.Sc(Statistics)	2017	55.60%	Sardar Patel University, Anand

Course Name	Duration	Training Area	Institute
Advance Post Graduate in Pharmaceutical Statistics	3-Months (March-2018 On-going)	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** :- "Analysis of features of laptop data using Statistical technique."

**Software** :- R-software, SPSS, Excel.

**Statistics** :- Chi-square test, Logistic Regression analysis, Factor Analysis.

**Seminar on** :- "Binary logistic Regression " presented during M.Sc.

### **EXTRA ACTIVITY**

- I participated in one- day National Level Seminar on "Recent Advance of Statistics and Their Applications".
- I completed one year training of NCC.
- Player of university cricket team.

### **PERSONAL DETAILS:-**

**Father's Name** :-Dilip Prabhakar Shinde.

**Mother's Name** :-Sangita Dilip Shinde

**Address** :-At-Bhambarde, Po-Wasumbe,Tal-Khanapur, Dist-Sangli,  
Maharashtra Pin:-415309.

**Nationality** :-Indian

**Date of Birth** :-14 May 1993.

**Languages Known** :-English, Hindi and Marathi.

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