

# Report on two days workshop

## EXCEL to Excel

### In Statistics for Pharmaceutical Research

**Date: 27<sup>th</sup> and 28<sup>th</sup> November 2018**

Saraswathi Vidya Bhavan's College of Pharmacy conducted a two days workshop on **EXCEL to Excel in statistics for Pharmaceutical Research on 27<sup>th</sup> and 28<sup>th</sup> November 2018.**

The objective of the workshop was **Taking Excel® to a whole new level.** The workshop focused on understanding the real power of Excel data analysis and formulas.

**Inaugural Function:** Venue-Seminar Hall

The workshop was inaugurated at the Seminar Hall of the institute. At the onset, Dr. Monita Gide, I/C Principal, welcomed the audience. A warm welcome was given to the resource person Dr. Aradhana Goutam, Professor at Indian Education Society's Management College and Research Centre, Mumbai. The workshop saw a registration of 37 delegates, which included faculty members, Ph.D. students and M.Pharm. students of various institutes affiliated to Mumbai University. Some of the institutes were Bombay College of Pharmacy, L.H. Hiranandani College of Pharmacy, Sterling Institute of Pharmacy, Rahul Dharkar College of Pharmacy, Sri D.D.Vispute College of Pharmacy, Ideal Institute of Pharmacy. All the delegates were greeted and a group photo was taken at the inaugural function.

**Day 1 – Workshop Venue: Computer Room**

The highlights of the applications taught on the first day were:

- Basics of Microsoft EXCEL
- Certain Function like 'IF', 'AND', 'OR' 'VLOOK' with their applications
- MOVING AVERAGES using functions like 'COUNT IF', 'AVERAGE IF'
- Uncover the Quick Analysis tool to get instant data analysis
- Fast data importing from other sources
- Tests for difference between Two Sample Means, Median, Mode, Standard Deviation

**Day 2- Workshop Venue: Computer Room**

The highlights of the applications taught on the second day were:

- Date/Time Functions
- Using the Goal Seek function to determine how to get your desired results
- Using the Analysis Tool Pack to perform virtually any data analysis. Insert Sparklines to reveal trends in data
- Descriptive Statistics: Test for Difference between Two Sample Means: Paired , unpaired, chi-square test
- Analysis of Variance (ANOVA) Procedures
- Hypothesis Tests
- Histograms
- To create a PIVOT table, format and modify data.

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All the applications in the workshop were taught with the help of case studies and a plethora of examples. It was a hands on workshop, where each delegate was given a computer station for their study.

**Valedictory Function:** The workshop was highly appreciated by all the participants. A feedback was taken from each candidate. The valedictory function concluded with the distribution of certificates by Dr. Aradhana Goutam and Dr. Monita Gide.

