



INNOVATIVE COLLEGE OF PHARMACY

Affiliated To Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P. & Approved By PCI

NOTICE

Date:- 25-11-2022

This is inform all the students and faculty members that the one day seminar based on "**Using Frequency Distribution To Identify Trends In Social Science Research**" will be delivered by Dr. H.S. Lamba, Principal, Department of Pharmacy, Spectrum Institute Of Pharmaceutical Sciences And Research.

Venue: Seminar Hall

Date: 30-11-2022 (Monday)

Time: 12.00 pm – 2.00 pm



Principal

Copy to :- 1. Academic Director

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Report on Seminar

Topic: "Using Frequency Distribution to Identify Trends in Social Science Research"

Date: 30-11-2022

Venue: Seminar Hall

Speaker: Dr. H.S. Lamba

Introduction

Frequency distribution is a fundamental statistical tool used to summarize and analyze data. In social science research, it plays a crucial role in identifying trends and patterns within data sets. This report aims to elucidate how frequency distribution can be employed to uncover trends in social science research, enhancing our understanding of various social phenomena.

Objectives

- To explain the concept and methodology of frequency distribution.
- To illustrate the application of frequency distribution in social science research.
- To evaluate the advantages and limitations of using frequency distribution for trend analysis.

Frequency Distribution: Concept and Methodology: Frequency distribution refers to the organization of data into a table that displays the number of occurrences of each value or range of values. Its primary purpose is to simplify complex data sets, making it easier to identify patterns and trends.

Components of Frequency Distribution

- Classes (Intervals).





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- Frequency
- Relative Frequency
- Cumulative Frequency

Constructing a Frequency Distribution Table

1. Data Collection
2. Define Intervals (if applicable)
3. Count Frequencies
4. Calculate Relative and Cumulative Frequencies

Conclusion

Frequency distribution is an essential tool in social science research for organizing and analyzing data to identify trends. By summarizing data into structured formats, researchers can uncover valuable insights into social phenomena. While it offers clear benefits in terms of clarity and trend identification, it is important to be mindful of its limitations and use it in conjunction with other analytical methods for a comprehensive understanding of the data.





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Photographs

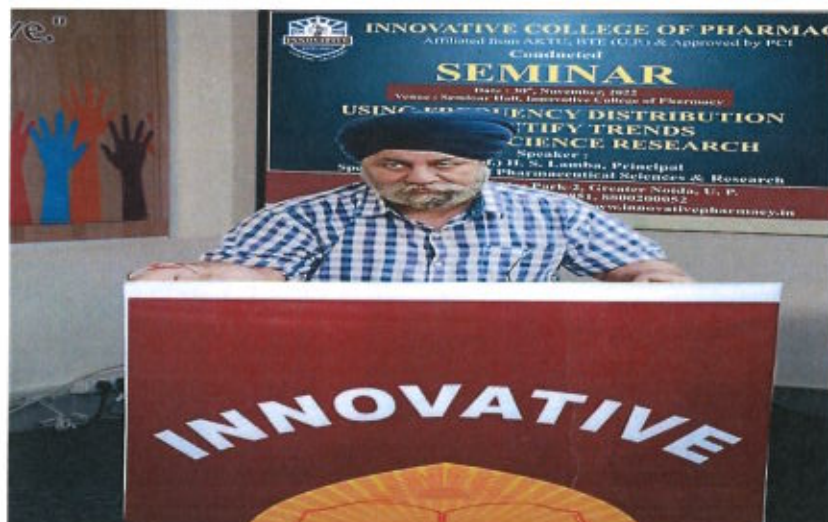


Figure 1: Photographs of honorable speaker presented valuable lecture on "Using Frequency Distribution to Identify Trends in Social Science Research"



Figure 2: Photograph of faculty members with students attending a seminar on "Using Frequency Distribution to Identify Trends in Social Science Research"