

# **Extension Lecture**

Guru Nanak College, Muktsar Sahib

DBT star college scheme activity 28 May 2022

By

**Department of Mathematics**


Academic Year 2022-2023

Activity	Extension Lecture on Statistics and Its Applications in Research
Date and Year	28May2022
Venue	Seminar Hall
Objective	To motivate the students about statistics and its applications
No. of Beneficiaries	Faculty: 7 Students: 157
Sequence of events/Resource person	On the Day(Welcome message by Ms Satinderpal madam) Introduction by HOD and Resource person Main Lecture

	<p>Queries from Students</p> <p>Thanks</p>
Brief of Experts	<p>Dr. Harmanpreet Singh</p> <p>Assistant professor in Dept. of Statistics</p> <p>Central University of Punjab</p> <p>Ghuddha</p>
<b>Summary of the Proceedings</b>	<p>PG Department of Mathematics organized Extension Lecture on topic ‘Statistics and Its Applications in Research’. The resource person Dr. Harmanpreet Singh Assitant Professor (Dept. of Statistics) Central University of Punjab (Bathinda) delivered lecture on application of statistics. This lecture was conducted under the DBT star college grant scheme. Mrs. Satinderpal kaur gave a brief introduction about achievements of the resource person. Dr. Harmanpreet Singh delivered a talk on applications of mathematics in real life. He talked about statistics is the discipline that concerns the collection, organization, analysis, interpretation and presentation of data. He discussed about statistical model for applying statistics to a scientific, industrial or social problem. He explained how statistics deals with every aspect of data, including the planning of data collection in terms of the design of surveys and experiments. He gave various examples that how statistics is useful in daily life. He explained statistical methods used in data analysis such as descriptive statistics,</p>

	<p>which summarize data from a sample using mean or standard deviation. He also explained use of mean, median and mode through examples of daily life. Total 157 students of the department attended this extension lecture. We are very much thankful to resource person Dr. Harmanpreet Singh and students.</p>
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